FIGURE 1

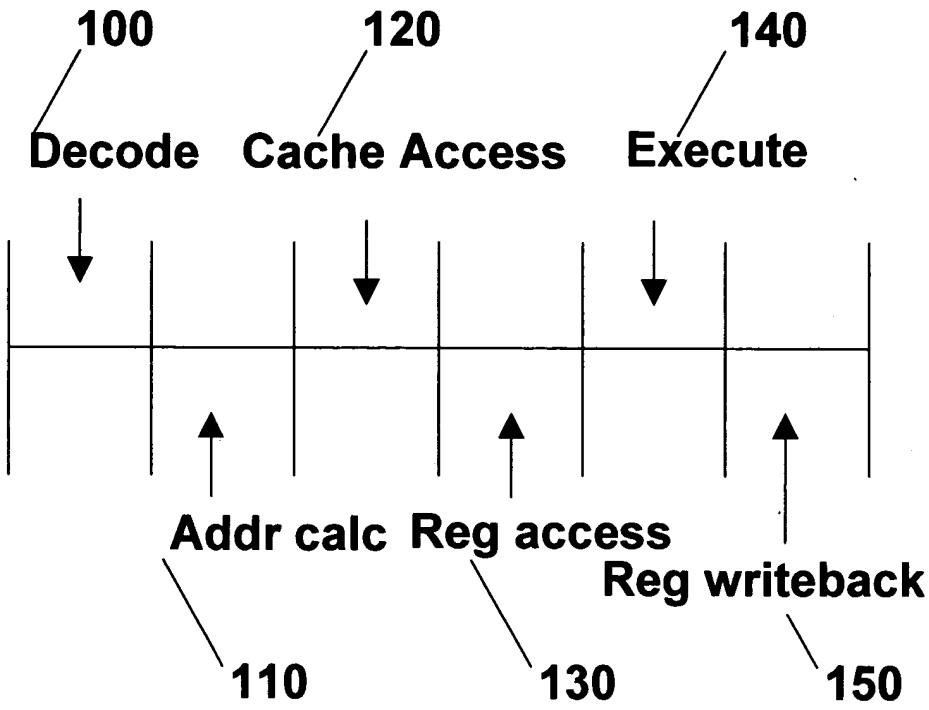

100
120
140
Decode
Cache Access
Execute
Addr calc
Reg access
Reg writeback
110
130
150

FIGURE 2

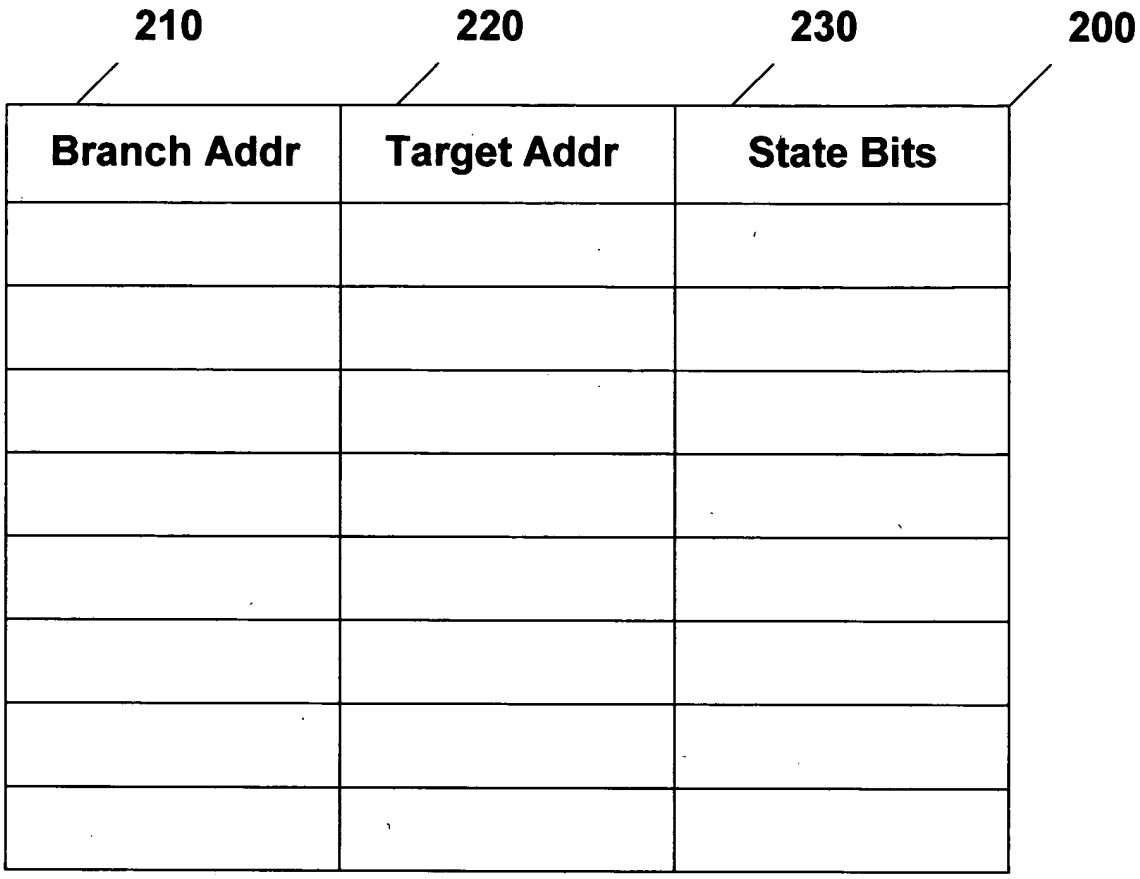


FIGURE 3

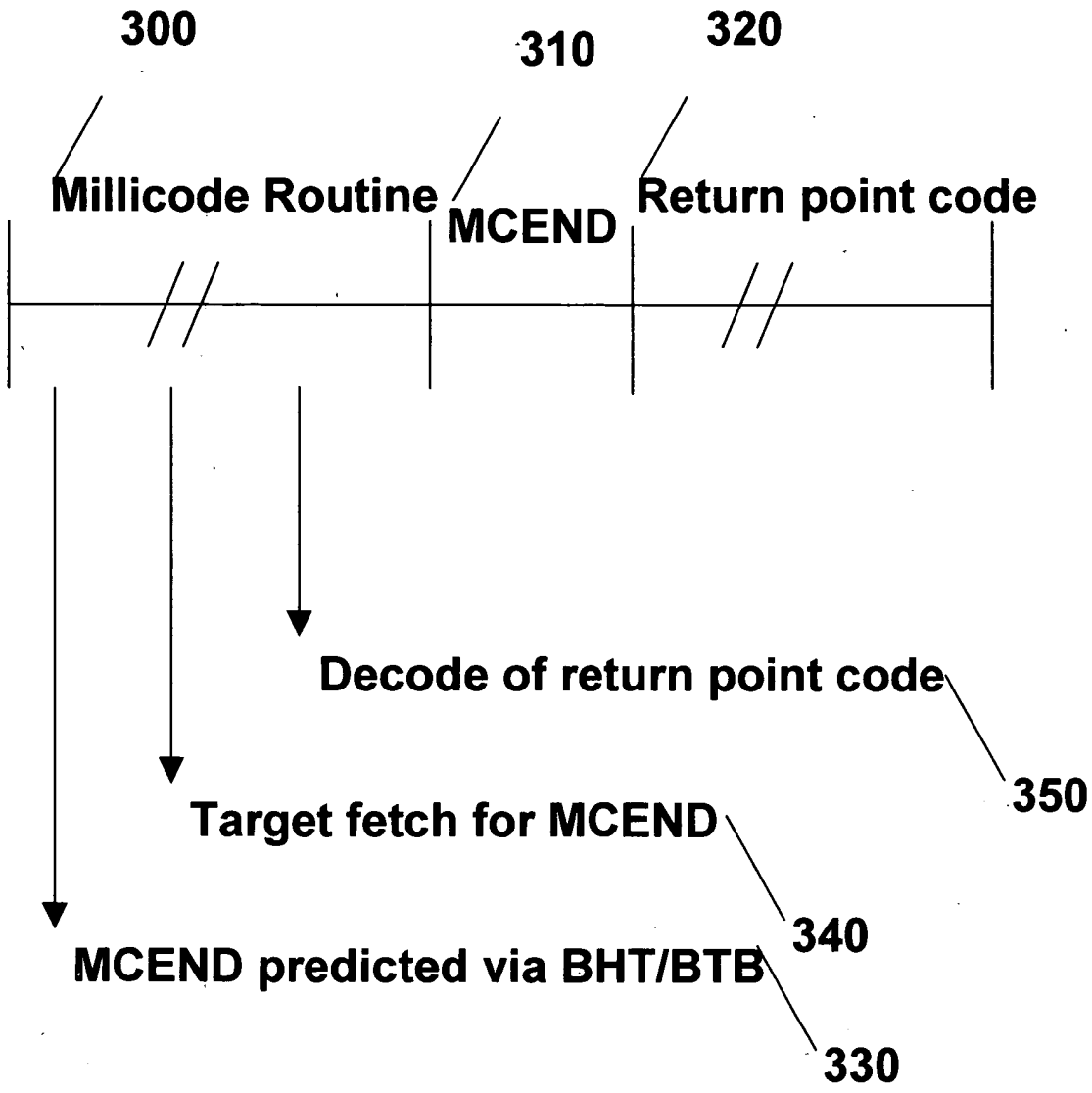
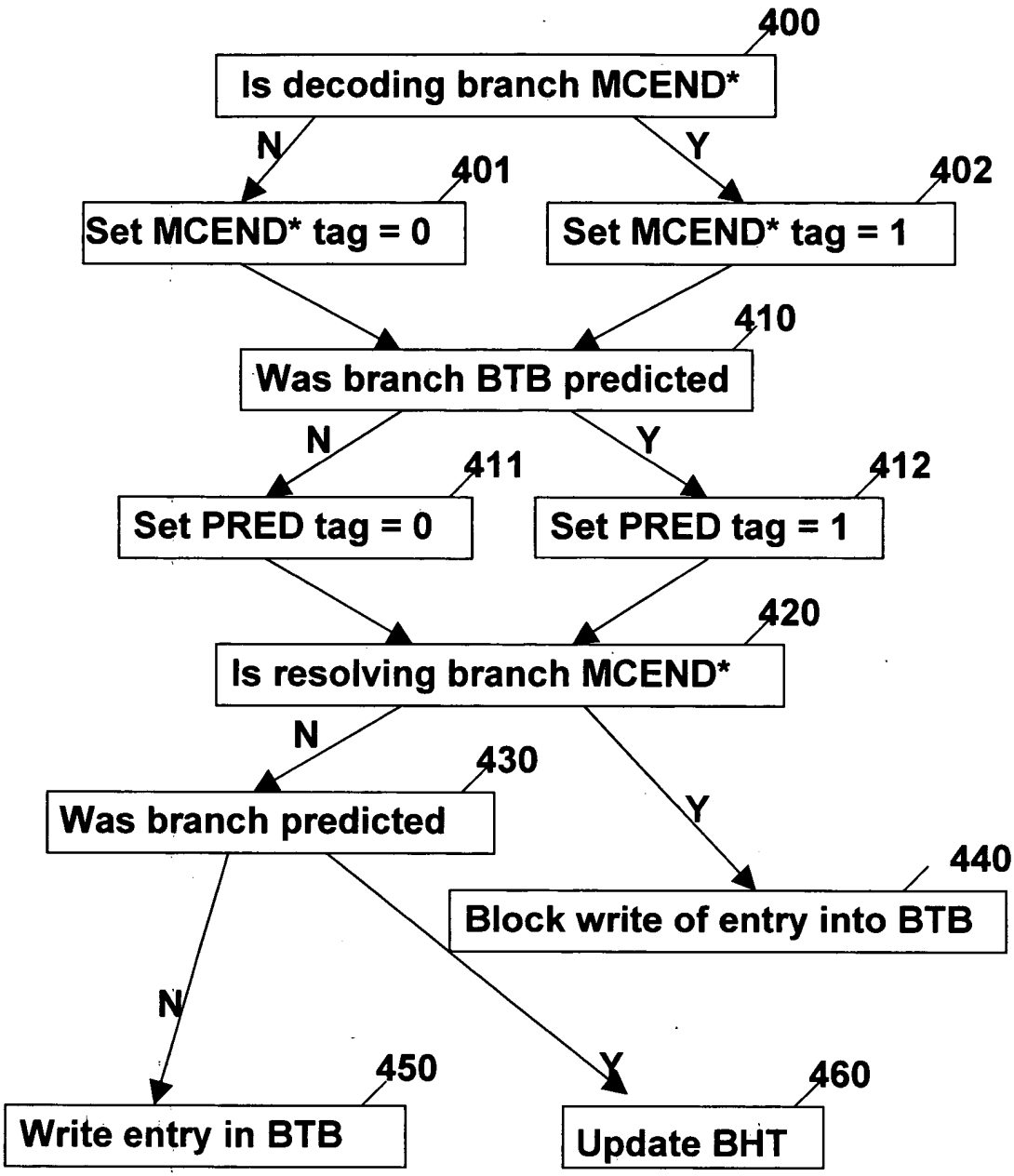

300
310
320
Millicode Routine
MCEND
Return point code
Decode of return point code
350
Target fetch for MCEND
340
MCEND predicted via BHT/BTB
330

FIGURE 4



MCEND* - a tagged MCEND that should be blocked from branch prediction